

Ideation Phase

Define the Problem Statements

Date	17 October 2022
Team ID	PNT2022TMID12375
Project Name	AI-based localization and classification of skin disease with erythema
Maximum Marks	2 Marks

Problem Statement

Nowadays people are suffering from skin diseases and Erythema is one among them. Erythema is redness of the skin caused by injury or another inflammation-causing condition. Often presenting as a rash, erythema can be caused by environmental factors, infection, or overexposure to the sun (sunburn). The regular monitoring of erythema, one of the most important skin lesions and it is essential for successful anti-allergic therapy. To overcome the above problem a model is built which is used for the detection of Erythema Basically, skin disease diagnosis depends on the different characteristics like colour, shape, texture etc. Here the person can capture the images of skin and then the image will be sent the trained model. The model analyses the image and detect whether the person is having skin disease or not.

I am (Customer)	A common man who can be working in any industry, frequently going out and meeting people.
I'm trying to	live a healthy life and have healthy skin

But	I suffer from rashes like skin redness disease
Because	Of an infective viruses or bacteria and complex reactions of drugs and vaccine
Which makes me feel	Less confidence and doleful as it can spread all over the body including face, it may trigger self-consciousness and low self-esteem in people and physically I feel pain due to the itchiness and circular red bumps.